

Comparisons of Job Characteristics

Focus Occupation: Physicians and Surgeons, All Other (29-1069)

Associated Occupation: Pediatricians, General (29-1065)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Physicians and Surgeons, All Other (29-1069)

Associated Occupation: Pediatricians, General (29-1065)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Medicine and Dentistry	3.7	22.2	22.4	0 Current knowledge level may be sufficient
Psychology	6.4	16.7	13.2	<< Extensive education and/or training may be required
Therapy and Counseling	3.8	15.7	12.4	<< Extensive education and/or training may be required
Biology	3.7	15.3	17.0	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Physicians and Surgeons, All Other (29-1069)

Associated Occupation: Pediatricians, General (29-1065)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Science	4.5	16.4	12.3	<< Extensive development of skills in this area may be required
Critical Thinking	10.8	15.9	15.8	0 Current skill level may be sufficient
Active Listening	11.0	15.6	14.4	0 Current skill level may be sufficient
Reading Comprehension	10.7	15.4	17.1	> Skill level is likely sufficient
Speaking	10.8	14.6	14.9	0 Current skill level may be sufficient
Active Learning	8.7	13.9	14.8	0 Current skill level may be sufficient
Judgment and Decision Making	9.4	13.5	14.2	0 Current skill level may be sufficient
Monitoring	9.9	12.8	13.9	0 Current skill level may be sufficient
Social Perceptiveness	9.1	12.5	14.4	> Skill level is likely sufficient

Service Orientation	7.9	12.2	12.8	0	Current skill level may be sufficient
Operations Analysis	5.0	10.4	3.8	<<	Extensive development of skills in this area may be required
Systems Evaluation	6.4	10.1	11.0	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 97

Focus Occupation: Physicians and Surgeons, All Other (29-1069)

Associated Occupation: Pediatricians, General (29-1065)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	18.5	17.3	0	Current ability level may be sufficient
Problem Sensitivity	11.1	18.5	18.4	0	Current ability level may be sufficient
Inductive Reasoning	10.2	18.4	18.2	0	Current ability level may be sufficient
Oral Expression	12.4	17.5	17.2	0	Current ability level may be sufficient
Written Comprehension	11.0	16.4	16.3	0	Current ability level may be sufficient
Written Expression	9.8	15.3	14.6	0	Current ability level may be sufficient
Deductive Reasoning	10.6	14.0	15.9	>	Current ability level is likely sufficient
Speed of Closure	5.9	8.6	8.3	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Physicians and Surgeons, All Other (29-1069)

Associated Occupation: Pediatricians, General (29-1065)

Tools and Technologies	Exclusivity
Airway management products	30
Blood pressure units and related products	11
Computers	1
Data management and query software	1
Electrocardiography EKG units and related products	20
Emergency medical services resuscitation products	15
Hearing testing products	31
Industry specific software	1
Information exchange software	1
Intravenous and arterial cannulas and catheters and accessories	29
Intravenous and arterial tubing and administration sets and related products	22
Intubation supplies	21

Lamps	19
Medical gloves and accessories	19
Medical staff clothing and related articles	17
Medical suction and vacuum products	33
Medical ultrasound and doppler and echo imaging products	19
Network applications software	1
Neurological exam products	30
Ophthalmic diagnostic exam products	27
Oxygen therapy delivery systems and devices	13
Patient point of care testing supplies and equipment	23
Pulmonary function testing and treatment products	24
Pulse oximeters	18
Respiratory monitoring products	29
Resuscitation supplies	29
Scopes and specula and accessories for medical exam diagnostic use	23
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Surgical clamps and forceps and surgical ligators and related instruments	29
Surgical cutting instruments and snares and related products	24
Suture and related products	23
Syringes and accessories	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.